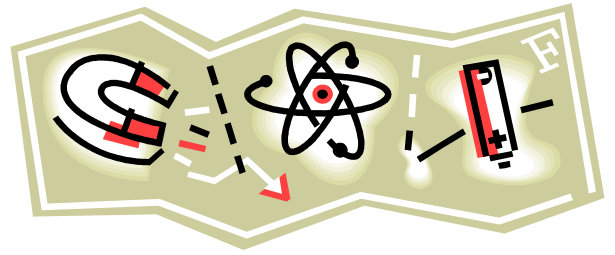


SYLLABUS: Physics 122

Mrs. S. Morgan Lee morgasar@nbed.nb.ca

Virtual Classroom: <http://brainstick.wikispaces.com/>

Text: *McGraw-Hill Physics*



Essential Materials: *Fundy Format*, scientific calculator, graph paper, math set

Units of Study:

Dynamics Extension:

Chapter 10 Applications of Forces

Chapter 7 Conservation of Energy and Momentum

Projectiles, Circular Motion, Universal Gravitation:

Chapter 11 Projectiles and Circular Motion

Chapter 8 Waves

Chapter 13 Simple Harmonic Motion

Chapter 12 Universal Gravitation

Fields:

Chapter 14 Fields and Forces

Chapter 15 Electric Energy and Circuits

Chapter 16 Magnets, Motors, and Generator

Labfolio:

Maintaining Equilibrium

Atwood Machine

Collisions in Two Dimensions

Verifying Circular Motion

Orbit Speeds of Planets

Pendulum 'g' Lab

Pos, Vel, Acc and SHM

Projectile Spring

Coulomb's Law

Potential Difference Along Conductors

Ohm's Law

Mag Field Around a Straight Conductor

Assessment:

30% LABFOLIO

40% TESTS

30% EXAM

- ❖ **Labfolio** is evaluated for content, timeliness, format, and includes **Prenote-Renote** evidence.
- ❖ Final exam mark can replace test mark.
- ❖ All assessment is subject to attendance consideration.
- ❖ Summative assessments missed for nonmedical reasons may lose a minimum of 40%.
- ❖ An incomplete Labfolio may mean an incomplete credit.
- ❖ Students applying for an exemption must have a complete Labfolio.